



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, DC 20555 - 0001

February 27, 2007

AGENDA
177th ACNW MEETING
MARCH 20-22, 2007

**TUESDAY, MARCH 20, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) 11:00 - 11:05 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/AFD)
ACNW Chairman, Dr. Michael Ryan, will make opening remarks regarding the conduct of today's sessions.

- 2) 11:05 - 12:00 P.M. **Savannah River National Laboratory (SRNL) Workshop on Cementitious Materials Used in Waste Determination Activities** (Open) (AGC/LSH)
Professor Barry Scheetz from the Pennsylvania State University will brief the Committee on a SRNL-sponsored workshop that examined the use of cementitious materials in radioactive waste management applications. This workshop was held on December 12-14, 2006, in Aiken, South Carolina.

12:00 - 1:00 P.M. *LUNCH*****

- 3) 1:00 - 2:30 P.M. **Stakeholder Views on Moderator Exclusion** (Open) (RFW/CLB)
Representatives from the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), and H322 Consulting LLC will brief the Committee on their views on the moderator exclusion issue in transportation canisters for spent nuclear fuel.

2:30 - 2:45 P.M. *BREAK*****

- 4) 2:45 - 3:30 P.M. **Idaho National Laboratory (INL) / U.S. Department of Energy (DOE) Views on Moderator Exclusion** (Open) (RFW/CLB)
An INL/DOE representative will brief the Committee on an upcoming license application requesting NRC approval for the DOE Standardized Spent Nuclear Fuel Canister relying on the use of moderator exclusion.

- 5) 3:30 - 4:30 P.M. **Round Table Discussion on Moderator Exclusion** (Open) (RFW/CLB)
ACNW Member Ruth Weiner will lead a follow up discussion with the previous presenters and representatives from NRC's Office of Nuclear Materials Safety and Safeguards (NMSS), Division of Spent Fuel Storage and Transportation (SFST), on the technical and regulatory issues surrounding the moderator exclusion issue.

- 6) 4:30 - 5:30 P.M. **ACNW meeting with NRC Commissioner Gregory B. Jaczko**
(Open) (MTR/LSH)
Commissioner Jaczko will address the Committee on current topics and issues of common interest.

5:30 P.M. Adjourn

WEDNESDAY, MARCH 21, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 7) 8:30 - 8:35 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/MPL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

- 8) 8:35 - 10:00 A.M. **Update by the U.S. Department of Energy (DOE) on the Proposed Yucca Mountain Repository Design** (Open) (WJH/MPL)
A Department representative will update the Committee on the status of DOE design activities for surface facilities for the proposed geologic repository. Briefing is also expected to examine repository design options for spent nuclear fuel handling in light of the TAD (transportation-aging-disposal) canister decision-making.

10:00 - 10:15 A.M. *BREAK*****

- 9) 10:15 - 12:00 P.M. **ACNW Action Plan for Fiscal Years 2007 and 2008** (Open) (MTR/JHF)
The Committee will discuss and approve its Action Plan for Fiscal Years 2007 and 2008.

12:00 - 1:00 P.M. *LUNCH*****

- 10) 1:00 - 2:00 P.M. **Briefing on Shieldalloy, New Jersey, Site Decommissioning Plan** (Open) (JHC/DAW)
Staff from the Office of Federal and State Materials and Environmental Management Programs (FSME) will brief the Committee on the Decommissioning Plan for the Shieldalloy Metallurgical Corporation's complex decommissioning site.

- 11) 2:00 - 3:00 P.M. **Updated EPRI Response on Potential Igneous Event at Yucca Mountain** (Open) (WJH/NMC)
NRC staff recently reviewed reports prepared by EPRI on magma interactions with the proposed Yucca Mountain repository. EPRI representatives will provide the Committee with their comments on the staff's review.

3:00 - 3:15 P.M. *BREAK*****

- 12) 3:15 - 5:30 P.M. **Miscellaneous** (Open) (All)
The Committee will discuss matters related to the conduct of ACNW activities and specific issues that were not completed during previous meetings, as time and availability of information permit. Discussions may include content of future letters and scope of future Committee Meetings.

5:30 P.M. Adjourn

THURSDAY, MARCH 22, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 13) 8:30 - 8:35 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/NMC)
The Chairman will make opening remarks regarding the conduct of today's sessions.

- 14) 8:35 - 11:30 A.M. **ACNW White Paper on Volcanism** (Open) (WJH/NMC)
Followup discussion from February working group meeting; general review of observations, revisions, and summary conclusions for the White Paper on Igneous Activity at Yucca Mountain.

11:30 - 12:30 P.M. *LUNCH*****

- 15) 12:30 - 5:30 P.M. **Miscellaneous** (Open) (All)
The Committee will discuss matters related to the conduct of ACNW activities and specific issues that were not completed during previous meetings, as time and availability of information permit. Discussions may include content of future letters and scope of future Committee Meetings.

5:30 P.M. Adjourn

NOTES:

- Presentation time should not exceed 50 percent of the total time allocated item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACNW in advance of the briefing.